

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025758.D
 Acq On : 25 Mar 2020 09:19
 Operator : CG/JU
 Sample : L1938-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB792

Manual Integrations
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mohammad
 3/27/2020 8:14:18 AM

Quant Time: Mar 25 13:11:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 25 07:24:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	238496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	979174	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	614877	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1321754	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1463411	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1654985	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	28688	5.05	ng/uL	0.00
5) Phenol-d5	6.75	99	533455	28.34	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	315458	29.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	457653	29.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	417805	27.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	234602	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	245898	31.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	460981	29.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	617366	33.60	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1473387	31.53	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1791418	32.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	253650	28.51	ng/ul	0.00
58) Fluorene-d10	15.20	176	1297908	31.64	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	214536	26.60	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1982669	32.12	ng/ul	0.00
79) Pyrene-d10	19.35	212	2355013	33.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	3011006	35.54	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.38	128	135075	2.533	ng/ul	98
50) Acenaphthene	14.27	153	88573	2.149	ng/ul	97
54) Dibenzofuran	14.61	168	87297	1.493	ng/ul	97
59) Fluorene	15.26	166	90980	1.850	ng/ul	98
70) Phenanthrene	16.99	178	1130230	14.527	ng/ul	99
72) Anthracene	17.09	178	229321	2.892	ng/ul	98
75) Carbazole	17.36	167	88293	1.274	ng/ul	98
77) Fluoranthene	19.02	202	1702921	18.569	ng/ul	99
80) Pyrene	19.38	202	1489581	15.156	ng/ul	99
83) Benzo(a)anthracene	21.13	228	889533	9.220	ng/ul	99
85) Chrysene	21.18	228	866257	9.151	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	1260072	12.203	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	493218m	4.849	ng/ul	
91) Benzo(a)pyrene	23.20	252	859343	9.145	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.41	276	678194	5.465	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.42	278	176645m	1.681	ng/ul	
94) Benzo(g,h,i)perylene	26.06	276	472206	4.617	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

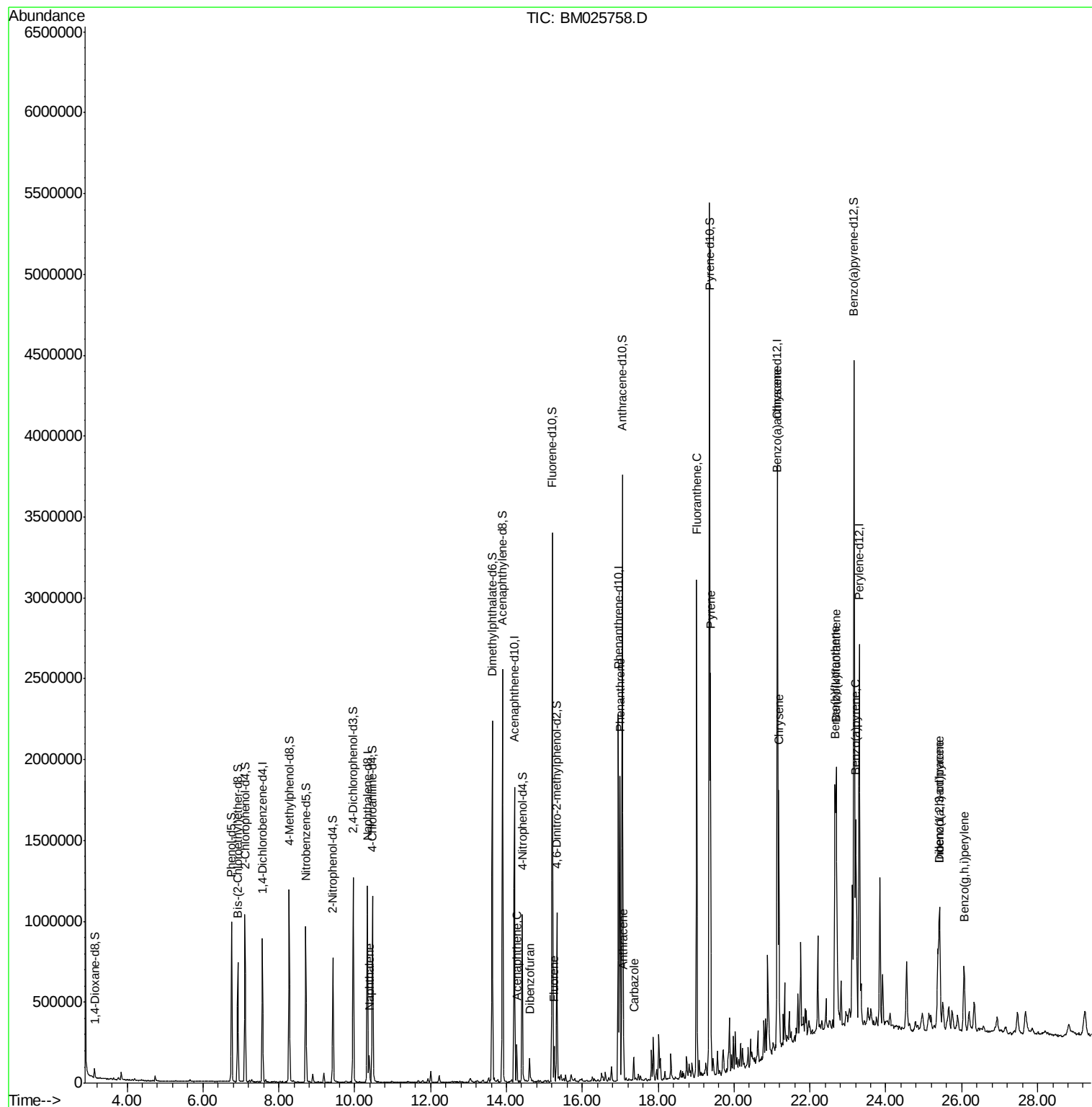
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025758.D
Acq On : 25 Mar 2020 09:19
Operator : CG/JU
Sample : L1938-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

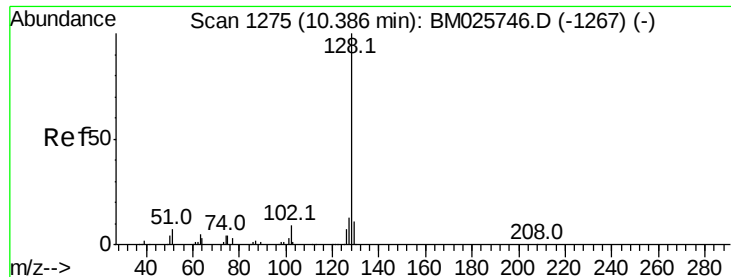
Instrument :
BNA_M
ClientSampleId :
CB792

Quant Time: Mar 25 13:11:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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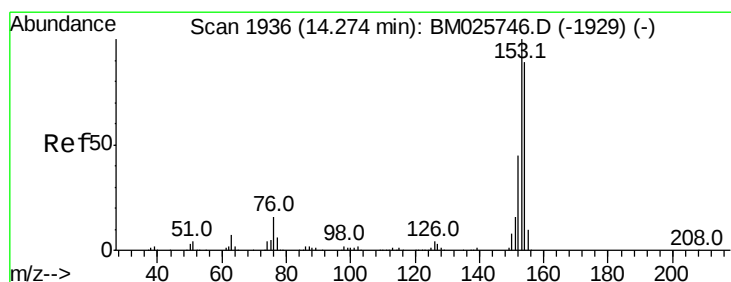
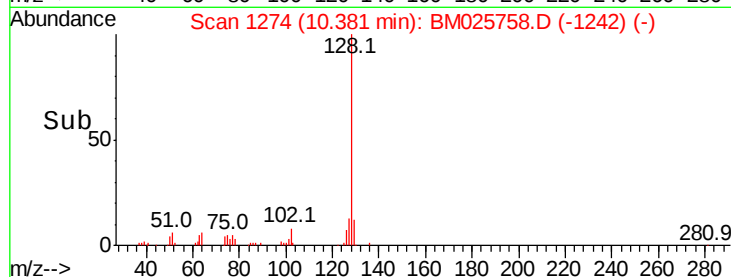
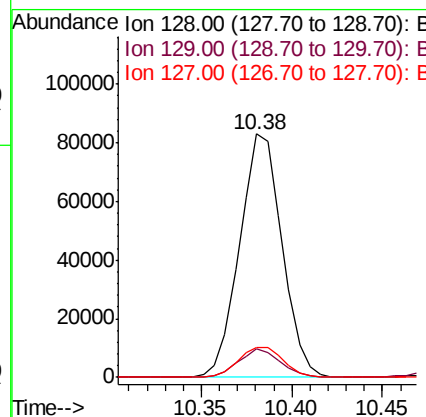
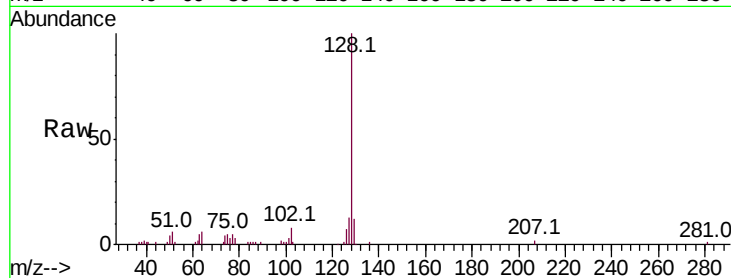
#28
Naphthalene
Concen: 2.533 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampleId :
CB792

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	12.5	10.6	15.8

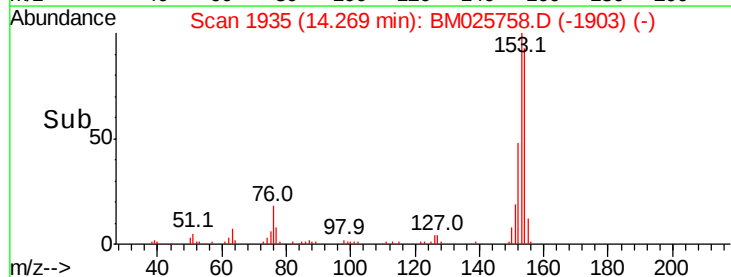
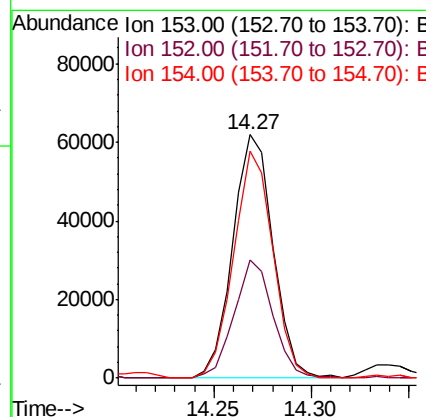
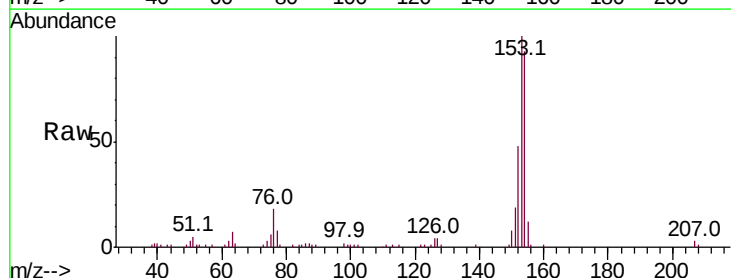
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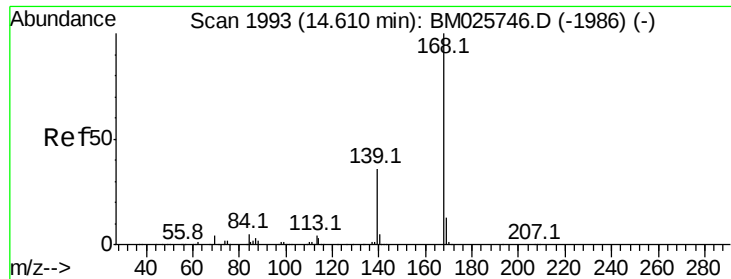
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#50
Acenaphthene
Concen: 2.149 ng/ul
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.6	56.4
154	93.0	72.2	108.2





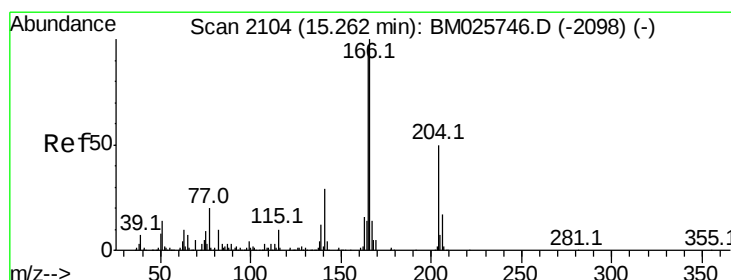
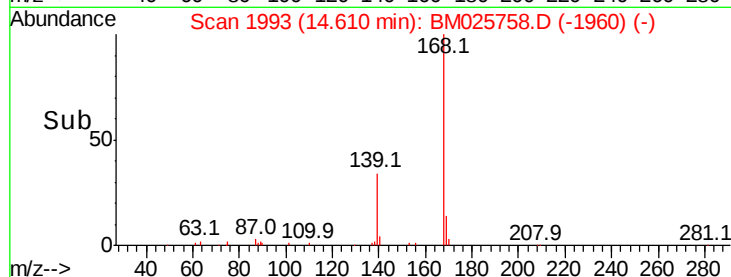
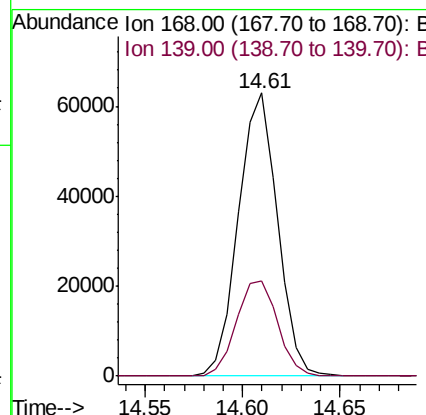
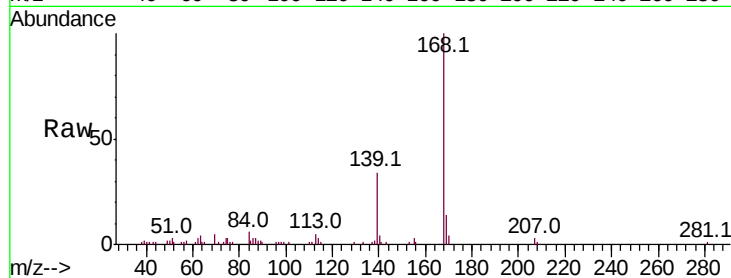
#54
Dibenzofuran
Concen: 1.493 ng/ul
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampleId :
CB792

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.6	28.2	42.2

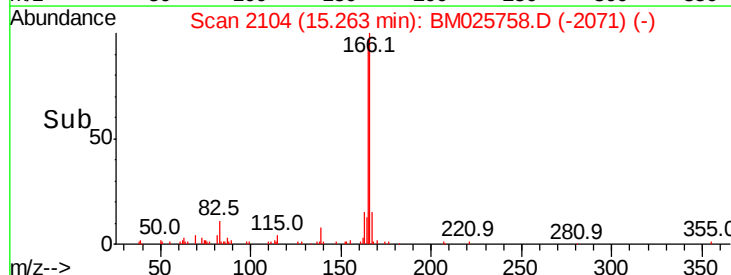
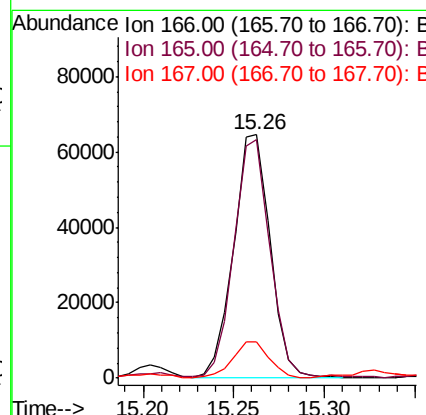
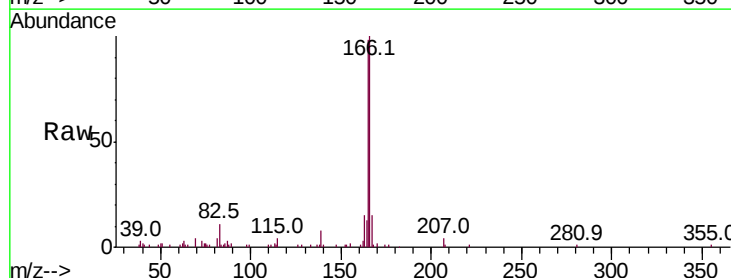
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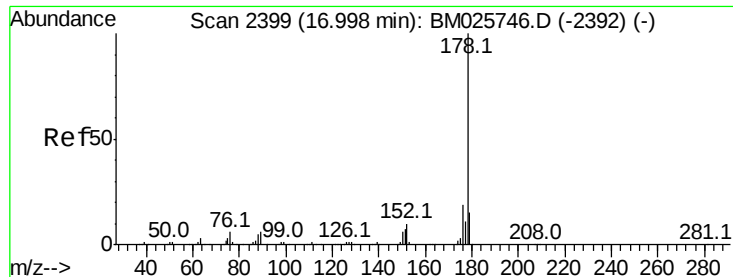
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#59
Fluorene
Concen: 1.850 ng/ul
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.2	115.8
167	15.0	11.2	16.8





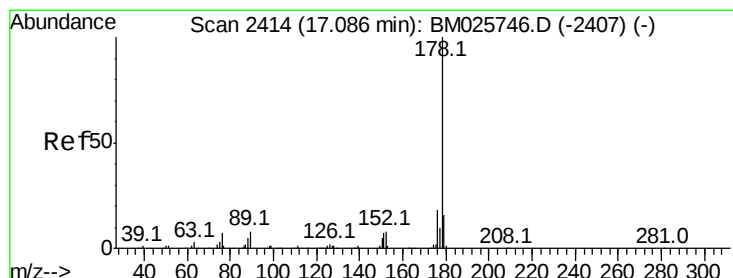
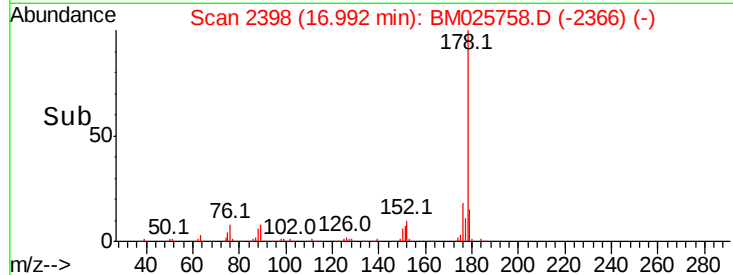
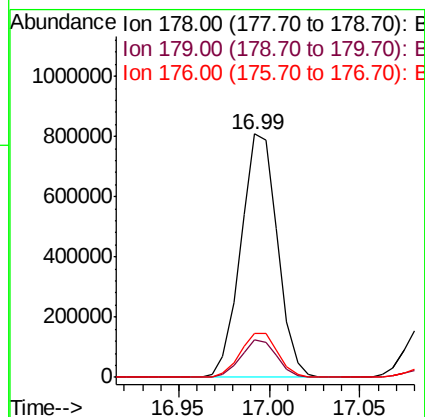
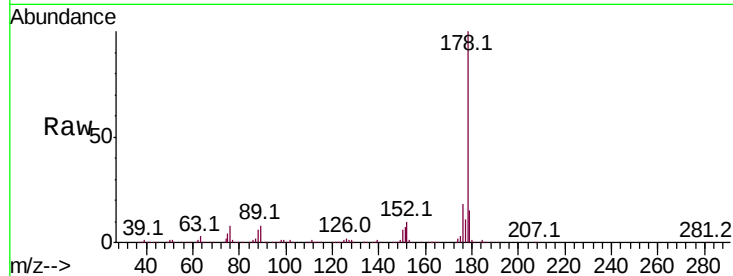
#70
Phenanthrene
Concen: 14.527 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampleId :
CB792

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.2	15.3	22.9

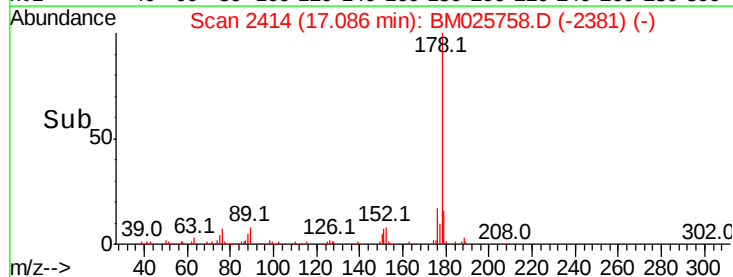
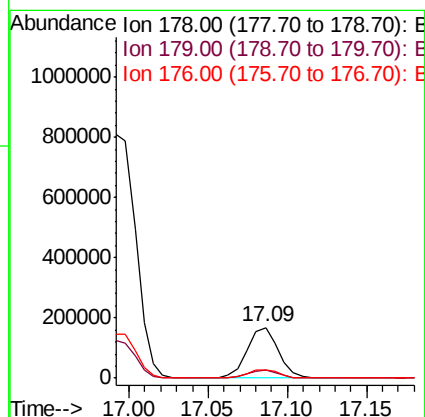
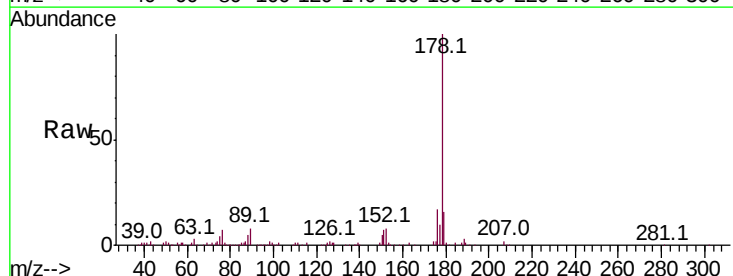
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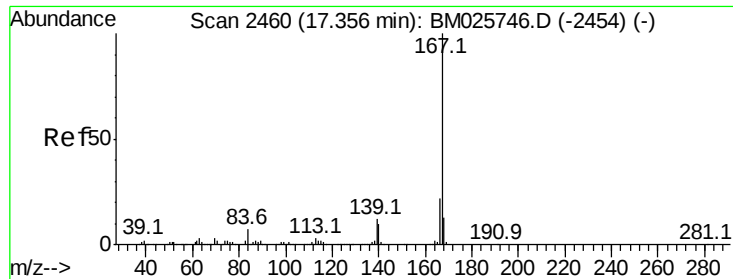
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#72
Anthracene
Concen: 2.892 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	16.9	14.5	21.7





#75

Carbazole

Concen: 1.274 ng/ul

RT: 17.36 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BM025758.D

Acq: 25 Mar 2020 09:19

Instrument :

BNA_M

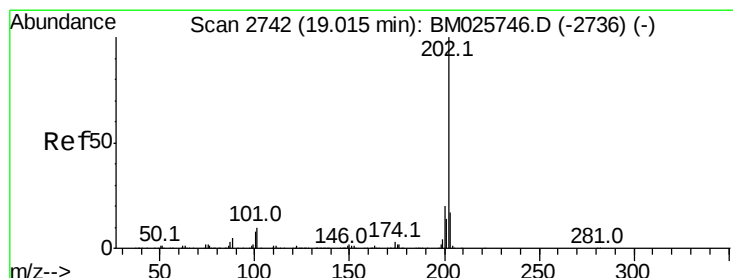
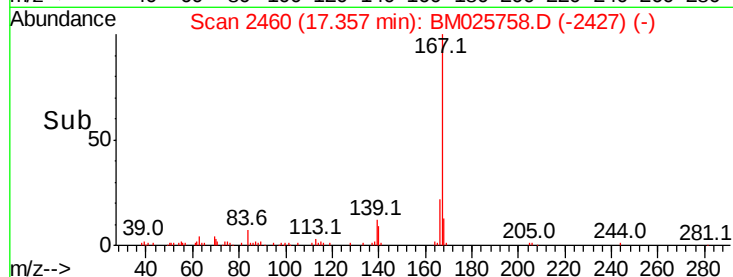
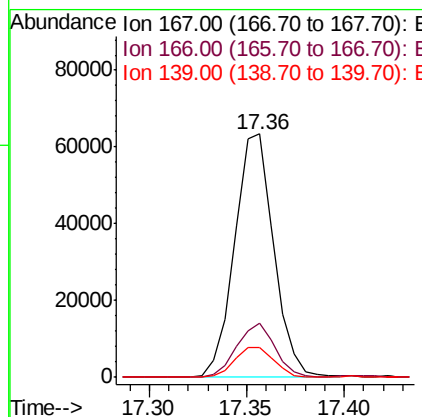
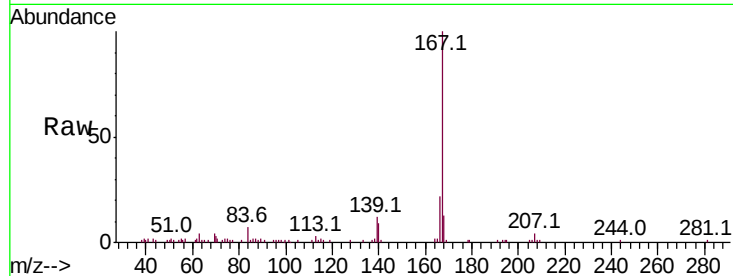
ClientSampleId :

CB792

Tot Ion:	167	Resp:	88293
Ion Ratio	Lower	Upper	
167	100		
166	22.1	16.7	25.1
139	12.0	9.8	14.8

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#77

Fluoranthene

Concen: 18.569 ng/ul

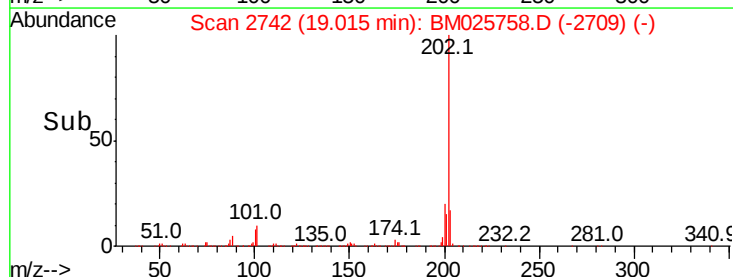
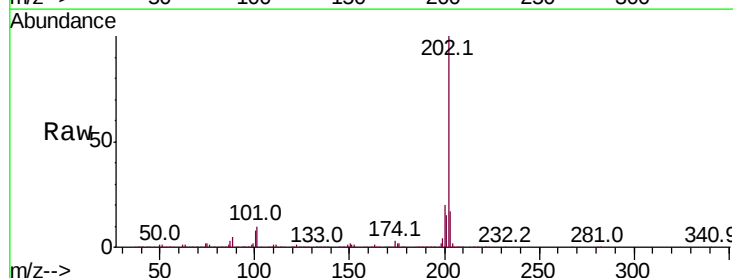
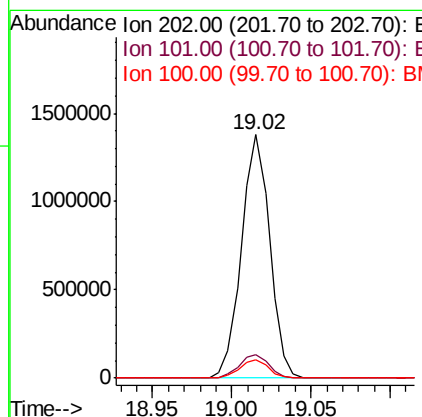
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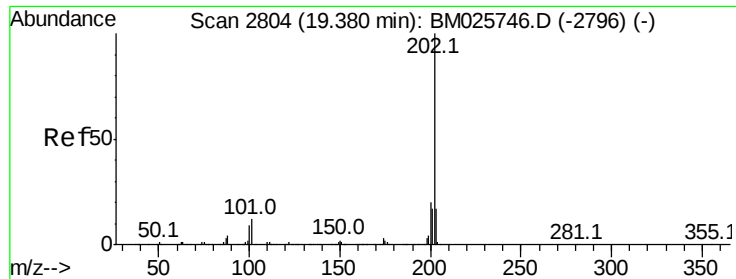
Delta R.T. -0.01 min

Lab File: BM025758.D

Acq: 25 Mar 2020 09:19

Tgt Ion:	202	Resp:	1702921
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.2	12.4
100	7.6	6.5	9.7





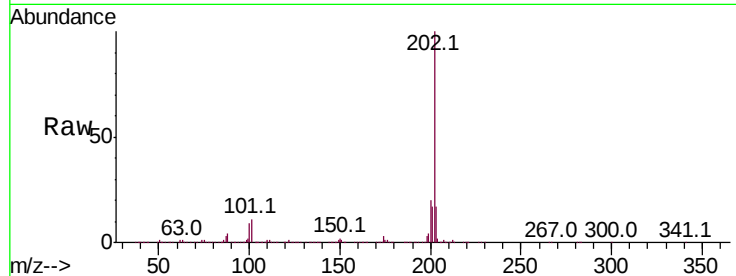
#80
Pvrene
Concen: 15.156 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampleId :
CB792

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
100	9.3	7.5	11.3

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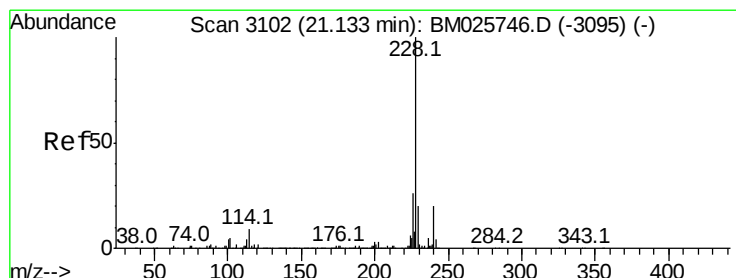
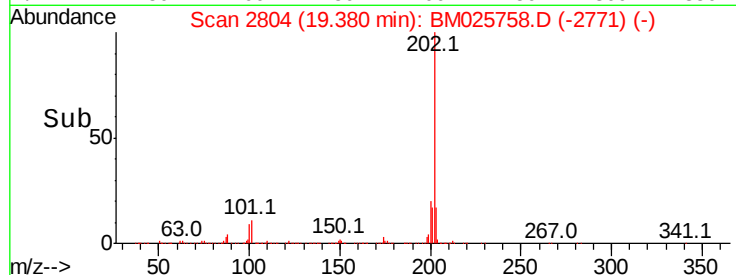
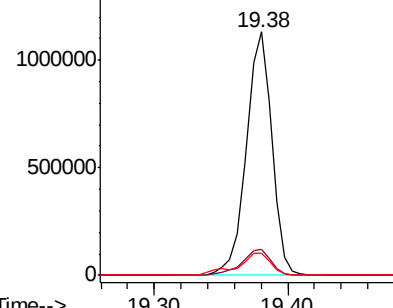


Abundance

Ion 202.00 (201.70 to 202.70): E

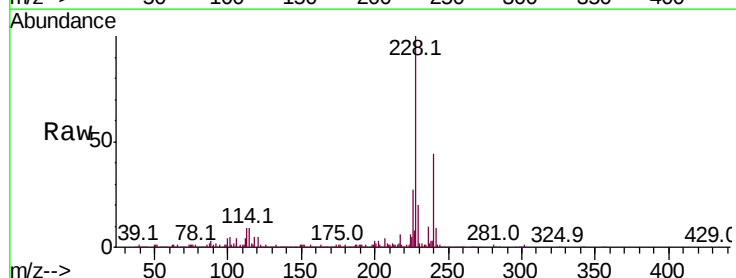
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#83
Benzo(a)anthracene
Concen: 9.220 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	26.7	21.0	31.6

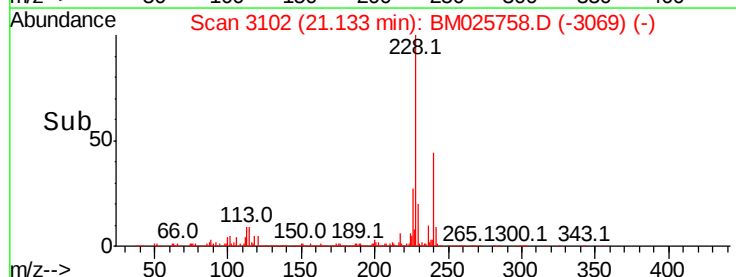
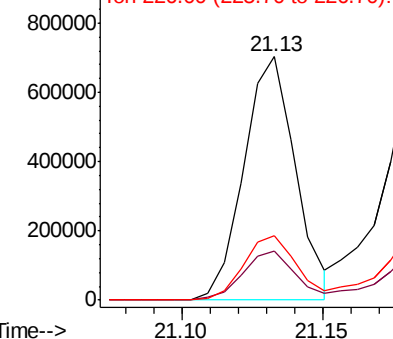


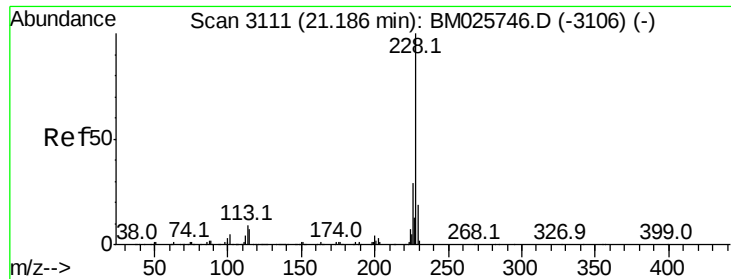
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





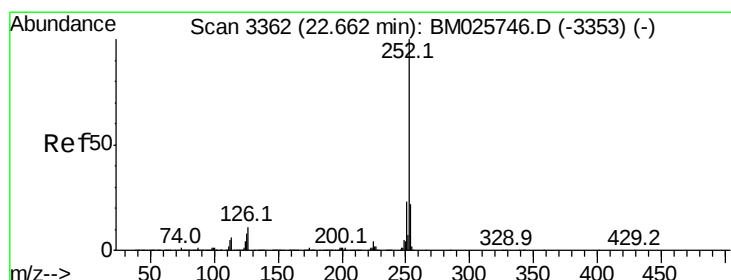
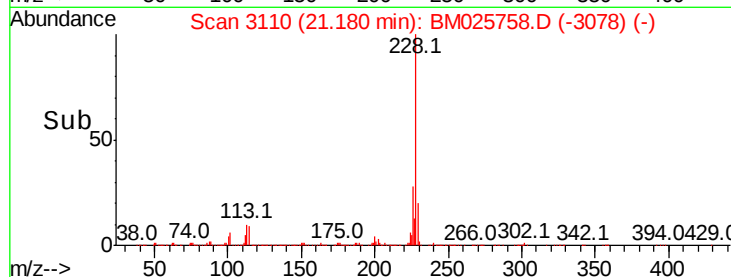
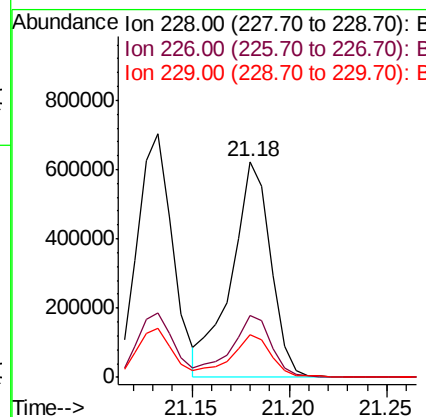
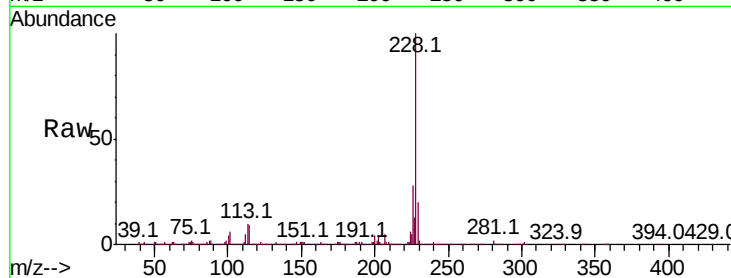
#85
Chrysene
Concen: 9.151 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampleId :
CB792

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.0
229	20.0	15.6	23.4

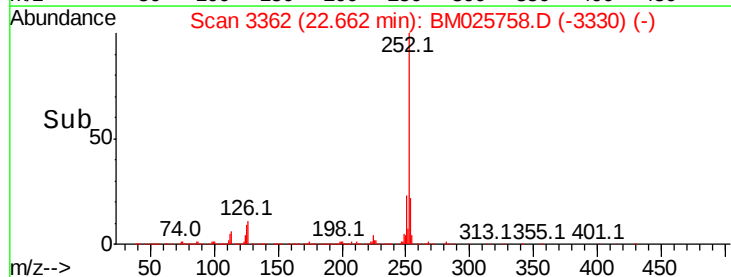
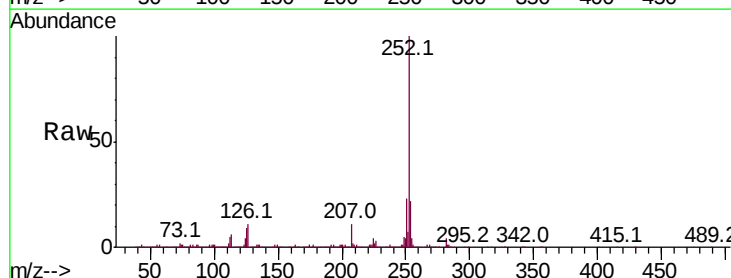
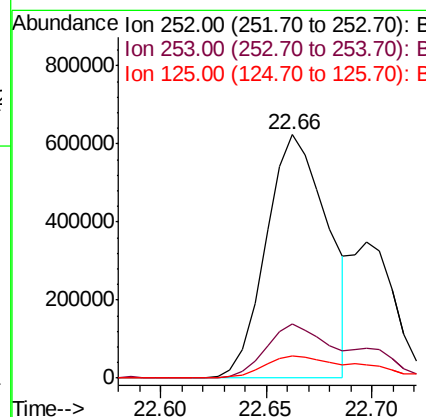
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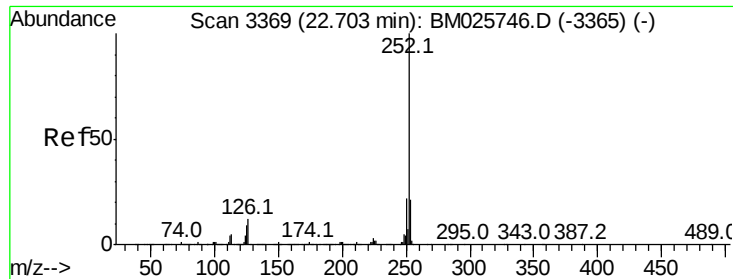
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#88
Benzo(b)fluoranthene
Concen: 12.203 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.0	6.7	10.1





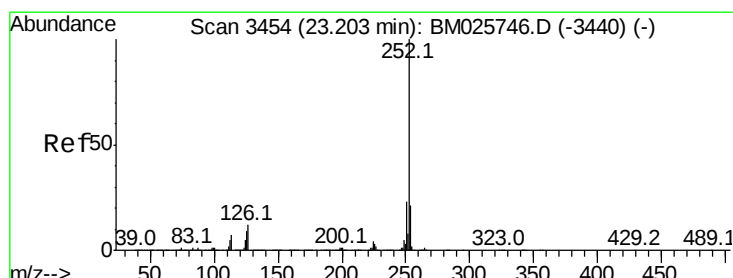
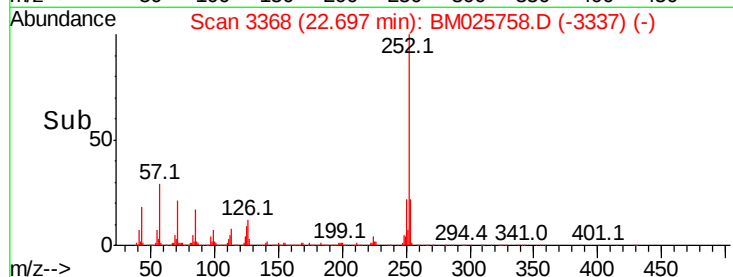
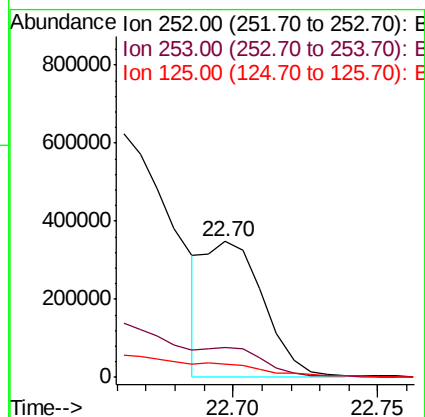
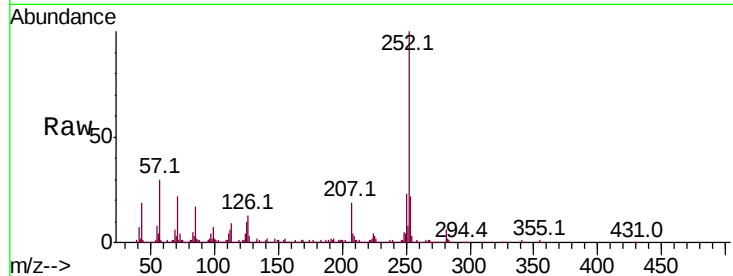
#89
Benzo(k)fluoranthene
Concen: 4.849 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampled :
CB792

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	6.9	10.3

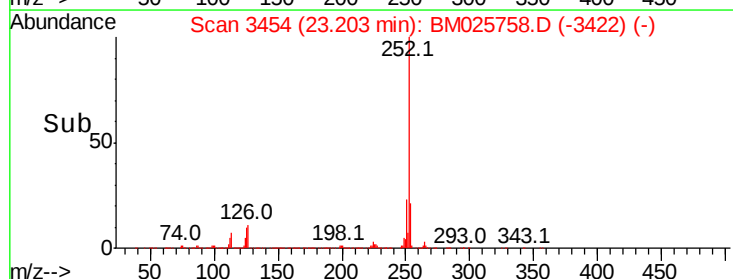
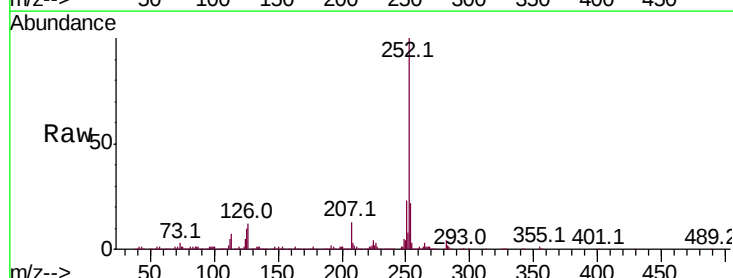
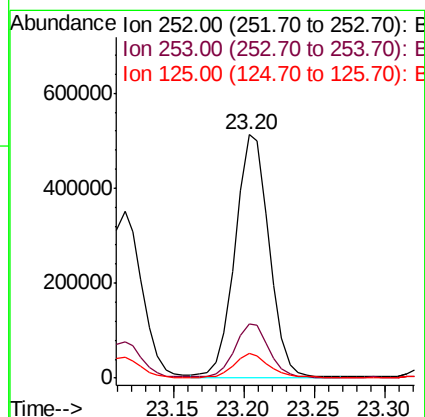
Manual Integrations
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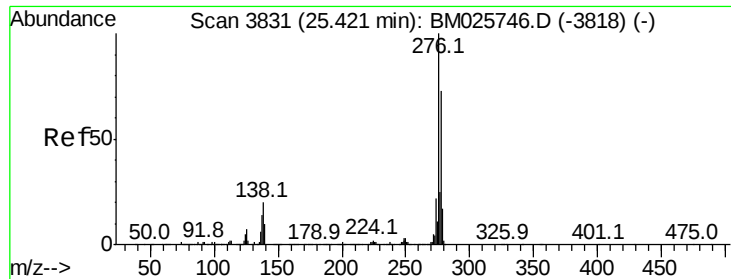
mohammad
3/27/2020 8:14:18 AM



#91
Benzo(a)pyrene
Concen: 9.145 ng/ul
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.0	7.1	10.7





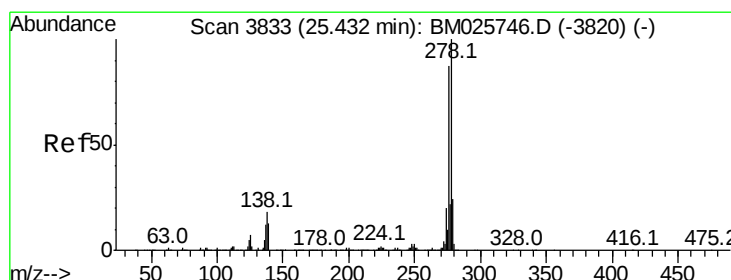
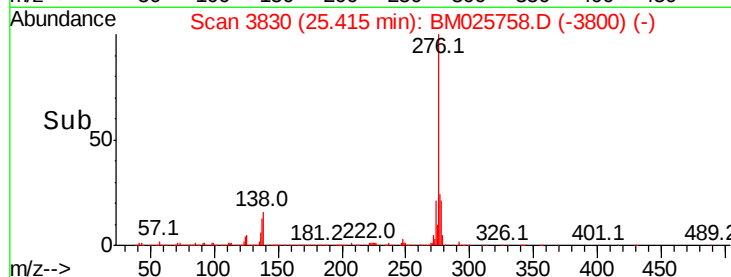
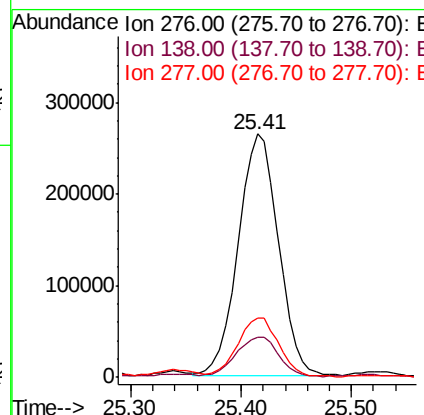
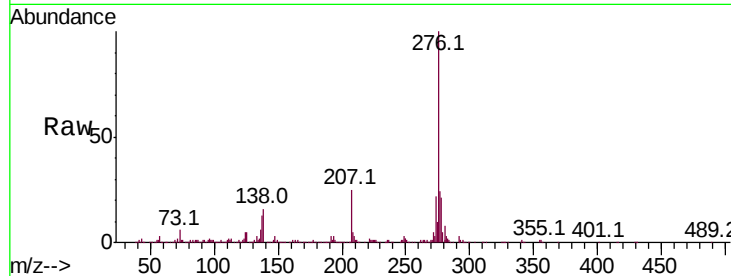
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.465 ng/ul
RT: 25.41 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Instrument :
BNA_M
ClientSampleId :
CB792

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	16.5	24.7#
277	24.4	19.7	29.5

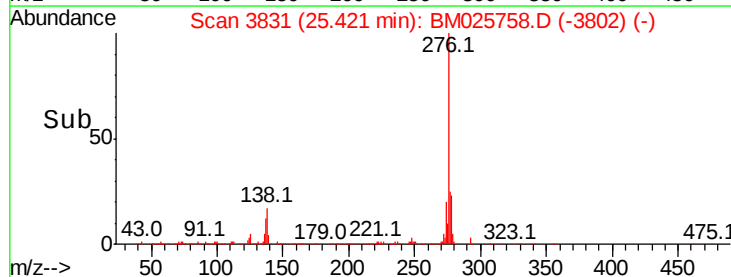
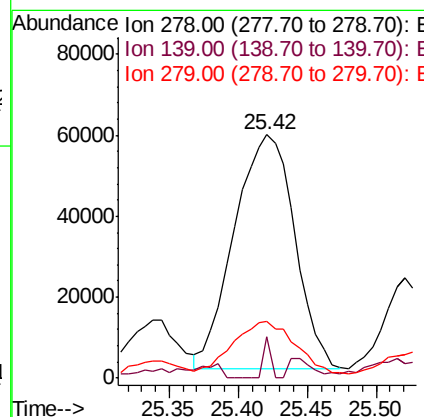
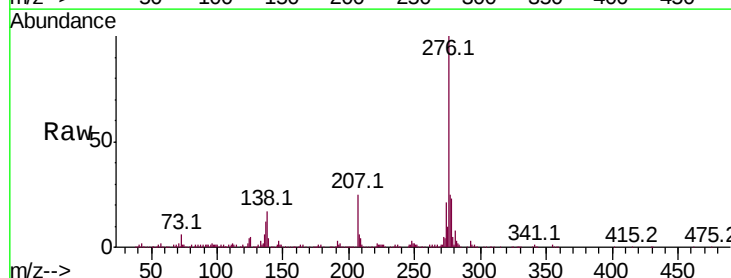
Manual Integrations
APPROVED

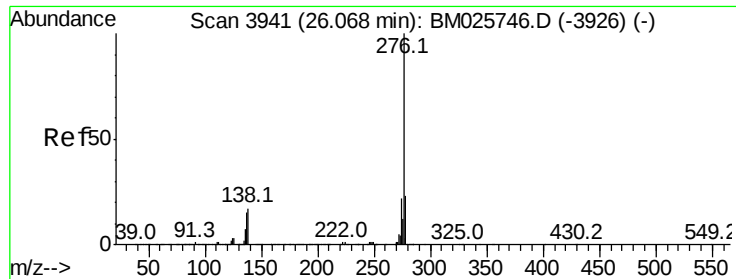
mohammad
3/27/2020 8:14:18 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.681 ng/ul m
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM025758.D
Acq: 25 Mar 2020 09:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.4	15.6#
279	23.4	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 4.617 ng/ul

RT: 26.06 min Scan# 3940

Delta R.T. -0.02 min

Lab File: BM025758.D

Acq: 25 Mar 2020 09:19

Instrument :

BNA_M

ClientSampleId :

CB792

Tot Ion:	276	Resp:	472206
Ion Ratio	Lower	Upper	
276	100		
138	17.0	13.2	19.8
277	23.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
3/27/2020 8:14:18 AM

